

PATENT
Attorney Docket No.: JHU1300-4

Please add the following new claims:

- 12. The method of claim 8, wherein the vector is a retroviral vector.
13. The method of claim 1, wherein the polynucleotide encoding a 5'ALT polypeptide comprises a colloidal dispersion system.
14. The method of claim 13, wherein the colloidal dispersion system comprises liposomes.
15. The method of claim 1, wherein the polynucleotide encoding a 5'ALT polypeptide comprises SEQ ID NO:1.
16. The method of claim 9, wherein the 5' ALT polypeptide comprises 5'ALT-p16^{INK4A}.
17. The method of claim 9, wherein the 5' ALT polypeptide comprises 5'ALT-p15^{IN4B}.
18. A method of suppressing proliferation of malignant cells characterized by decreased expression of a polynucleotide encoding a 5'ALT polypeptide, wherein said 5'ALT polypeptide has tumor suppressor activity, the method comprising contacting the malignant cells with a polynucleotide encoding a 5'ALT polypeptide, wherein expression of the 5'ALT polypeptide suppresses proliferation of the malignant cells.
19. The method of claim 18, wherein the polynucleotide encoding a 5'ALT polypeptide comprises SEQ ID NO:1.

21. The method of claim 18, wherein the 5' ALT polypeptide comprises 5'ALT-p15^{INK4B}.

22. The method of claim 18, wherein the polynucleotide encoding a 5'ALT polypeptide is contained in a vector.

23. The method of claim 22, wherein the vector is a retroviral vector.

24. The method of claim 18, wherein the polynucleotide encoding a 5'ALT polypeptide comprises a colloidal dispersion system.

25. The method of claim 24, wherein the colloidal dispersion system comprises liposomes.

26. A method of suppressing proliferation of malignant cells characterized by expression of a mutant 5'ALT polypeptide, wherein the mutant 5'ALT polypeptide has decreased tumor suppressor activity, the method comprising contacting the malignant cells with a polynucleotide encoding a 5'ALT polypeptide, wherein expression of the 5'ALT polypeptide suppresses proliferation of the malignant cells.

27. The method of claim 26, wherein the polynucleotide encoding a 5'ALT polypeptide comprises SEQ ID NO:1.

28. The method of claim 26, wherein the 5' ALT polypeptide comprises 5'ALT-p16^{INK4A}.

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30. The method of claim 26, wherein the polynucleotide encoding a 5'ALT polypeptide is contained in a vector.

31. The method of claim 30, wherein the vector is a retroviral vector.

32. The method of claim 26, wherein the polynucleotide encoding a 5'ALT polypeptide comprises a colloidal dispersion system.

33. The method of claim 32, wherein the colloidal dispersion system comprises liposomes.--